

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A coating for surfaces, comprising:
a paint residue extracted from a paint waste stream, the paint residue being a viscous liquid at ambient temperature ~~and being substantially free of cross-linking on its own,~~ the paint waste stream being free of isocyanate, being resultant from spray equipment cleaning with wash solvent and being substantially free of large amounts of gelled paint; and
a hardener;
wherein said residue is combined with and reacts to the hardener to form a usable coating for application on a substrate.

2. (original) The coating as claimed in claim 1, wherein said hardener is an isocyanate.

3. (original) The coating as claimed in claim 2, wherein said isocyanate is hexamethylene di-isocyanate (HDI) or toluene di-isocyanate (TDI) or 4,4'-diphenylmethane diisocyanate (MDI) or isophorone diisocyanate the pre-polymers, oligomers or adducts derived therefrom.

4. (original) The coating as claimed in claim 3, wherein the MDI is mixture of:

4,4'-diphenylmethane diisocyanate substantially 30-60% by weight and Polymethylene polyphenyl isocyanate substantially 30-60% by weight.

5. (currently amended) A process for producing a surface coating, comprising:

placing a paint waste stream in a still, the paint waste stream being free of isocyanate, being resultant from spray equipment cleaning with wash solvent and being substantially free of large amounts of gelled paint;

thereafter operating said still and separating wash solvent from paint residue;
thereafter extracting paint residue from said still, the paint residue being a viscous liquid at ambient temperature ~~and being substantially free of cross-linking on its own~~;
thereafter diluting paint residue to a workable viscosity;
thereafter combining said diluted residue with a hardening agent to form a useable surface coating.

6. (previously presented) The process of claim 5, wherein the diluted residue is combined with enough hardener to fully react with the reactive sites of the residue.

7. (previously presented) The process of claim 5, wherein diluted residue is combined with hardener in stoichiometric amounts (based upon functional group analysis).

8. (previously presented) The process of claim 5, wherein said diluted residue is purified according to specific gravity of its components through high speed rotation, before combining with said hardening agents and pigments of desired colour.

9. (previously presented) The process of claim 6, wherein said diluted residue is purified according to specific gravity of its components through high speed rotation, before combining with said hardening agents and pigments of desired colour.

10. (canceled)

11. (previously presented) The coating of claim 1, the paint residue is diluted prior to being combined with the hardener for application on the substrate.

12. (previously presented) The coating of claim 1, the paint residue is diluted with 25-30% volume of a thinning solvent prior to being combined with the hardener for application on the substrate.

13. (previously presented) The process of claim 5 further comprising, prior to the placing step, purifying the paint waste stream according to specific gravity of its components through high speed rotation.

14. (previously presented) The process of claim 5 further comprising selecting a hardening agent reactive to an epoxide group of the paint residue.